

# Building Fiji's Geospatial Community Through OpenStreet Map (OSM)



# OSM?

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Collaboration of the global community to try and map the world (crowdsource)

creation and growth of OSM has been motivated by restrictions on use or availability of map data

Users include Facebook, Wikimedia Maps, Apple, Microsoft, Amazon Logistics, Uber, Craigslist, Snapchat, OsmAnd, Maps.me, Geocaching,

# Building a Resilient OpenStreetMap Community in Fiji Project

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Establish an OpenStreetMap community in Fiji

Raise consciousness of open data

Improve disaster preparedness in vulnerable communities

Develop skills in mapping and community organizing.

# Planned Activities

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## **Socialisation workshops:**

- This activity will target practitioners, stakeholders and the wider interested local community.
- Focus will be on how OSM and open geospatial data can be utilized for disaster risk resilience and beyond

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## **OSM mapathons:**

- remote mapping/digitizing objects of interest (buildings, roads/tracks, waterways, water tanks, vegetation areas) and informal settlements.
- A number of settlements/areas will be prioritized to map via these mapathons after consultation with partner organizations.

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## Field Survey and Validating OSM Data with Local Communities

- Local community mapping through field surveying and validation exercises will be run with local youth volunteers around the Greater Suva area, including Lami
- **Training of local volunteers:** this will include field data collection and validation of existing features on OSM using mobile technology at hand.
- **Identification of target areas:** preliminary analysis on potential areas near within the Greater Suva area, including Lami has been undertaken by the project team.
- **Field surveying and validating:** trained volunteers and project team will be deployed to the identified areas to undertake field mapping and validation of assets which include buildings, houses, roads/tracks, water tanks, public and communal areas, and vegetated areas.

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Questions?